

DECLARATION AND POWER OF ATTORNEY

As the below-named inventors, we declare that:

Our residences, post office addresses, and citizenships are as stated below under our names.

We believe we are the original, first, and joint inventors of the invention entitled "METHOD AND SYSTEM FOR CONTROLLING THE IMPROVING OF A PROGRAM LAYOUT," which is described and claimed in the foregoing specification and for which a patent is sought.

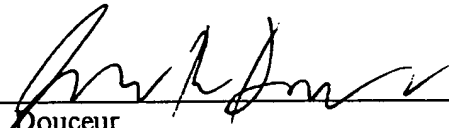
We have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment specifically referred to herein (if any).

We acknowledge our duty to disclose information of which we are aware which is material to the examination of this application in accordance with 37 C.F.R. § 1.56(a).

We hereby appoint RICHARD W. SEED, Registration No. 16,557; ROBERT J. BAYNHAM, Registration No. 22,846; EDWARD W. BULCHIS, Registration No. 26,847; GEORGE C. RONDEAU, JR., Registration No. 28,893; DAVID H. DEITS, Registration No. 28,066; WILLIAM O. FERRON, JR., Registration No. 30,633; PAUL T. MEIKLEJOHN, Registration No. 26,569; DAVID J. MAKI, Registration No. 31,392; RICHARD G. SHARKEY, Registration No. 32,629; DAVID V. CARLSON, Registration No. 31,153; MAURICE J. PIRIO, Registration No. 33,273; KARL R. HERMANN, Registration No. 33,507; DAVID D. McMASTERS, Registration No. 33,963; ROBERT IANNUCCI, Registration No. 33,514; JOSHUA KING, Registration No. 35,570; MICHAEL J. DONOHUE, Registration No. 35,859; KEVIN J. CANNING, Registration No. 35,470; CHRISTOPHER J. DALEY-WATSON, Registration No. 34,807; STEVEN D. LAWRENZ, Registration No. 37,376; ROBERT G. WOOLSTON, Registration No. 37,263; ELLEN M. BIERMAN, Registration No. 38,079; BRYAN A. SANTARELLI, Registration No. 37,560; CAROL NOTTENBURG, Registration No. 39,317; CRAIG S. JEPSON, Registration No. 33,517; PAUL T. PARKER, Registration No. 38,264; JOHN C. STEWART, Registration No. 40,188; ROBERT W. BERGSTROM, Registration No. 39,906; DAVID W. PARKER, Registration No. 37,414; ROBERT E. MATES, Registration No. 35,271; BRIAN G. BODINE, Registration No. 40,520; FRANK ABRAMONTE, Registration No. 38,066; E. RUSSELL TARLETON, Registration No. 31,800; FREDERICK M. FLIEGEL, Registration No. 36,138; JAN C. L. MAXWELL, Registration No. 41,181; THOMAS L. EWING, Registration No. 34,328; and CLIFTON G. GREEN, Registration No. 41,044, comprising the firm of SEED AND BERRY LLP, 6300 Columbia Center, Seattle, Washington 98104-7092, as

our attorneys to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. Please direct all telephone calls to Maurice J. Pirio at (206) 622-4900 and telecopies to (206) 682-6031.

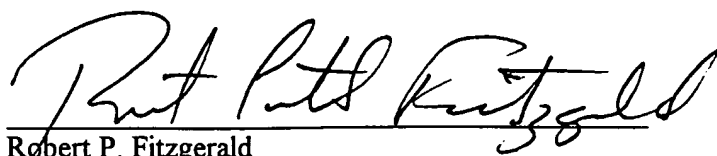
We further declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that the making of willfully false statements and the like is punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and may jeopardize the validity of any patent issuing from this patent application.



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Date 9/11/97

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CERTIFICATE UNDER 37 C.F.R. § 3.73(b)

Microsoft Corporation, a corporation organized and existing under the laws of the State of Washington, having a place of business at One Microsoft Way, Redmond, Washington 98052, certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of an assignment from the inventors recorded in the Patent and Trademark Office on September 16, 1997, at Reel 8826, Frame 0128. To the best of my knowledge and belief, title is in Microsoft Corporation, the assignee.

Pursuant to 37 C.F.R. § 3.73(b) I hereby declare that I, the undersigned, am empowered to sign this certificate on behalf of Microsoft Corporation, the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true.

Please direct all correspondence in this case to:

John E. Whitaker
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MICROSOFT CORPORATION

Date: 4/13/01

By: 

Name: Daniel D. Crouse

Title: Assistant Secretary



S/N 08931,861

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: John R. Douceur et al. Examiner: George Opie
Serial No.: 08/931,861 Group Art Unit: 2755
Filed: September 16, 1997 Docket: 777.356US1
Title: METHOD AND SYSTEM FOR CONTROLLING THE IMPROVING
OF A PROGRAM LAYOUT

REVOCATION AND POWER OF ATTORNEY
CERTIFICATE UNDER 37 CFR §3.73(b)

Assistant Commissioner for Patents
Washington, D.C. 20231

In accordance with 37 C.F.R. Section 1.36, M.P.E.P. Section 402.05 and 402.07, please revoke any existing Powers of Attorney, if any, and appoint the following attorneys and/or patent agents to prosecute this application and to transact all business in the Patent and Trademark Office in connection therewith:

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CERTIFICATE UNDER 37 CFR §3.73(b)

Microsoft Corporation hereby certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of an assignment from the inventor filed September 16, 1997 and recorded on Reel 8805, Frames 0662 -. To the best of my knowledge and belief, title is in Microsoft Corporation, the assignee.

Pursuant to 37 C.F.R. §3.73(b) I hereby declare that I, Daniel D. Crouse, am empowered to sign this certificate on behalf of Microsoft Corporation, the assignee.

I hereby declare that all statement made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true.

Please direct all correspondence in this case to:

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Date 12/9/99

By



Daniel D. Crouse

Title: Assistant Secretary

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	Douceur et al.	Examiner:	G. Opie
Application No.:	08/931,861	Group Art Unit:	2151
Filed:	September 16, 1997	Docket No.:	661005.540
			[50037.33US01]
Title:	METHOD AND SYSTEM FOR CONTROLLING THE IMPROVING OF A PROGRAM LAYOUT		

CERTIFICATE UNDER 37 CFR 1.8:

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on

4/16/01

John E. Whitaker

REVOCATION AND POWER OF ATTORNEY
CERTIFICATE UNDER 37 CFR § 3.73(b)

Assistant Commissioner for Patents
 Washington, D.C. 20231

Dear Sir:

In accordance with 37 C.F.R. § 1.26, M.P.E.P. Section 402.05 and 402.07, please revoke any existing Powers of Attorney and appoint the following attorneys and/or patent agents to prosecute this application and to transact all business in the U.S. Patent and Trademark Office in connection therewith:

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In addition, I also hereby appoint the following attorneys to prosecute this application and to transact all business in the U.S. Patent and Trademark Office in connection therewith:

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Daniel D. Crouse, Reg. No. 32,022